

### ABSTRACT OF THE DISCLOSURE

The present invention relates to a method for transmitting data packets from a mobile terminal to a base station using a hybrid automatic repeat request protocol and soft combining of received data. Further, the present invention provides a base station and a mobile terminal both configured to perform the respective method steps. Moreover, a communication system is provided which comprises at least one base station and at least one mobile terminal. In order to decrease the interference caused by retransmissions, the present invention suggests the use of separated channels for initial transmissions and their retransmissions. In order to decrease the interference caused by retransmissions, the present invention suggests the use of separated channels for initial transmissions and their retransmissions.